VOLUME CONTENTS

Volume 245

No. 1

K.E. PAPADAKIS / Families of Periodic Orbits in the Photogravitational Three-Body Problem 1–13

M. ALEV, M.A. ALPAR, A. ESENDEMİR and Ü. KIZILOĞLU / Ab Dor: A Single Star with RSCVN Like Activity in X-Ray Band 15–25

P. BERCZIK and S.G. KRAVCHUK / 3D Modelling of Forming Galaxies. The History of Star Formation Activity 27–42

S.V.M. CLUBE, F. HOYLE, W.M. NAPIER and N.C. WICKRAMASINGHE / Giant Comets, Evolution and Civilization 43–60

S.M. ANDRIEVSKY and V.V. KOVTYUKH / The Comparable Analysis of the Cepheids and Non-Variable Supergiants from the Instability Strip. I. 61–80

W. KÖHNLEIN / Cross-Correlation of Solar Wind Parameters with Sunspots ('Long-term Variations') at 1 AU During Cycles 21 and 22 81–88

C. SEZER / Revised Photometric Analysis of the Eclipsing Binary V 1073 Cygni 89–96

P.S. NEGI and M.C. DURGAPAL / Motion of Test Particles in Parabolic Density Distributions 97–116

CHUNG-MING KO and ING-GUEY JIANG / Force-free Magnetic Fields on Curvilinear Coordinate Surfaces 117–129

I. YAVUZ and I. ILMAZ / Some Exact Solutions of String Cosmology with Heat Flux in Bianchi Type III Space-Time 131–138

A. BANERJEE, A. KLEBER and N.O. SANTOS / Static Cylindrically Symmetric Gravitational Field With Cosmological Constant 139–149

C. VUILLE / Estimating the Effect of Intermediate-Range Forces on the Mass of Rapidly-Rotating Neutron Stars 151–155

V.V. MARKELLOS, K.E. PAPADAKIS and E.A. PERDIOS / Non-Linear Stability Zones Around Triangular Equilibria in the Plane Circular Restricted Three-Body Problem with Oblateness 157–164

List of forthcoming papers 165

The 'KLUWER' LaTeX Style File 167–168

278

No. 2 1997

Special Issue:

PLANETARY NEBULAE

Proceedings of a Meeting held on April 11 1996 at Liverpool,
supported by the Royal Society and the Royal Astronomical Society

Guest Editors:
J.E. DYSON and F.D. KAHN

J.E. DYSON and F.D. KAHN / Introduction iii–iv

H. OLOFSSON / Circumstellar Molecular Envelopes of AGB and Post-AGB Objects 169–200

D. SCHÖNBERNER and T. BLÖCKER / Structure and Evolution of Central Stars of Planetary Nebulae 201–217

M. BRYCE and J. MEABURN / Observational Tests of the Interacting Winds Model of Planetary Nebulae 219–231

L. STANGHELLINI / Multiple Shell Planetary Nebulae: Evolutionary Paths and Observed Configurations 233–238

G. MELLEMA / Hydrodynamic Models of Planetary Nebulae 239–253

R.A. CHEVALIER / The Shaping of Planetary Nebulae and the SN 1987A Nebula 255–262

T.W. HARTQUIST and J.E. DYSON / Flows in Clumpy Planetary Nebulae 263–273

List of forthcoming papers 275

Volume Contents 277–278

The Kluwer LaTeX Style File 279–280